

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110405.01		APPLICATION NO. 10/618688	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Eiji NATORI, Kazumasa HASEGAWA, Koichi OGUCHI, Takao NISHIKAWA and Tatsuya SHIMODA			
				FILING DATE July 15, 2003		GROUP 2824	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
CDW	6420190	02-6-2001	Shioma et al.	438	3	
	6,104,324	08-15-2000	Kim	341	58	
	5,060,191	10-22-1991	Nagasaki et al.	365	145	
	5,963,466	10/1999	Evans, Jr.	365	145	
	6,077,716	6/2000	Yoo	438	3	
	5,530,667	6/1996	Omura et al.	365	145	
CDW	6,201,726	3/2001	Evans	365	145	

FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
CDW	JP 2-154388 A	06/1990	Japan			
	JP 8-255879 A (w/abstract)	10/1996	Japan			
	JP 9-102587 A (w/abstract)	04/1997	Japan			
	JP 9-91970 A (w/abstract)	04/1997	Japan			
	JP 10-303378 A	11/1998	Japan			
CDW	WO 99/12170 A2	03-11-1999	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">Christian Wilson</div>	DATE CONSIDERED <div style="font-family: cursive; font-size: 1.2em; margin-top: 10px;">10/28/04</div>
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: July 15, 2003